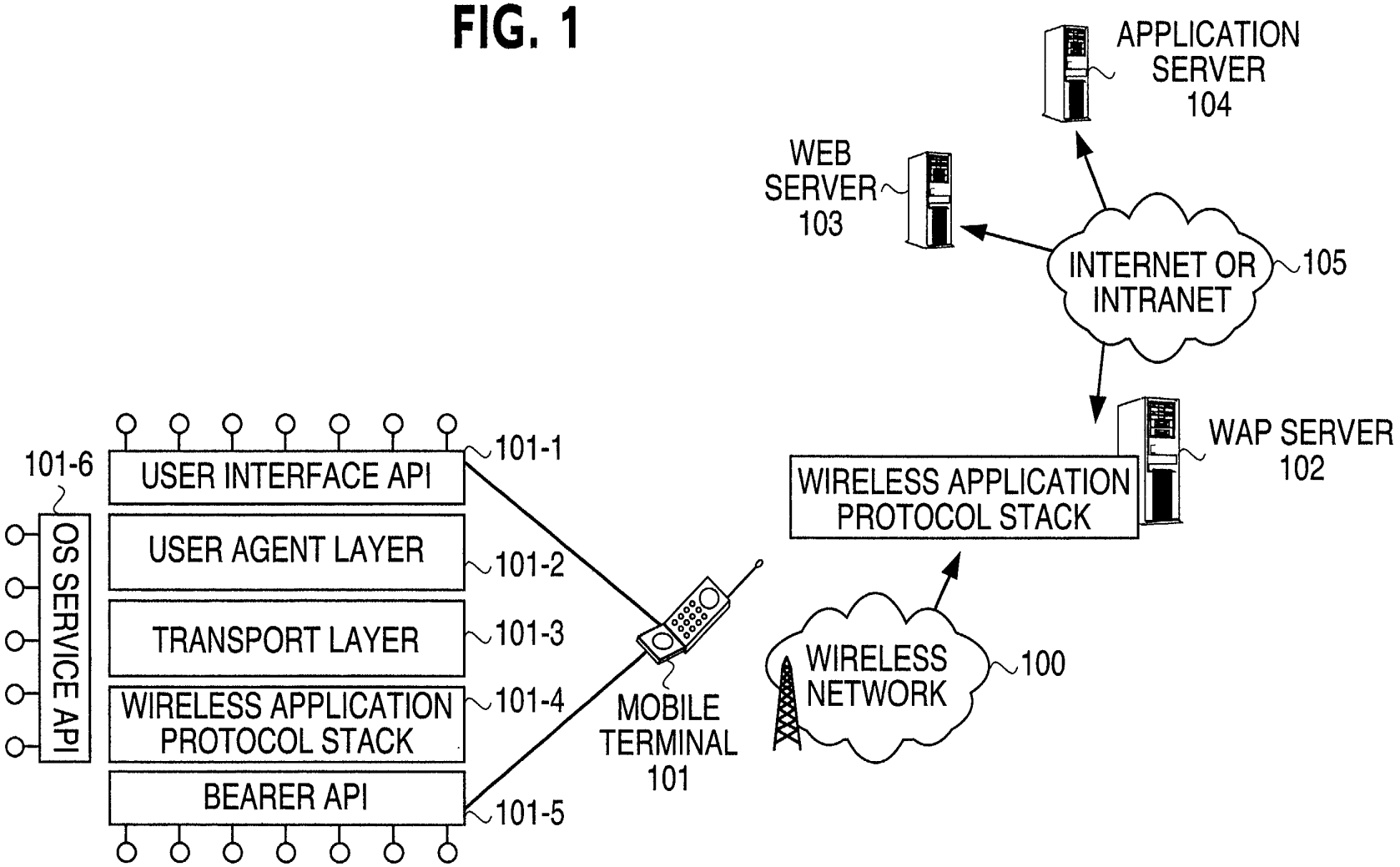
FOREIGN PATENT

FIG. 1



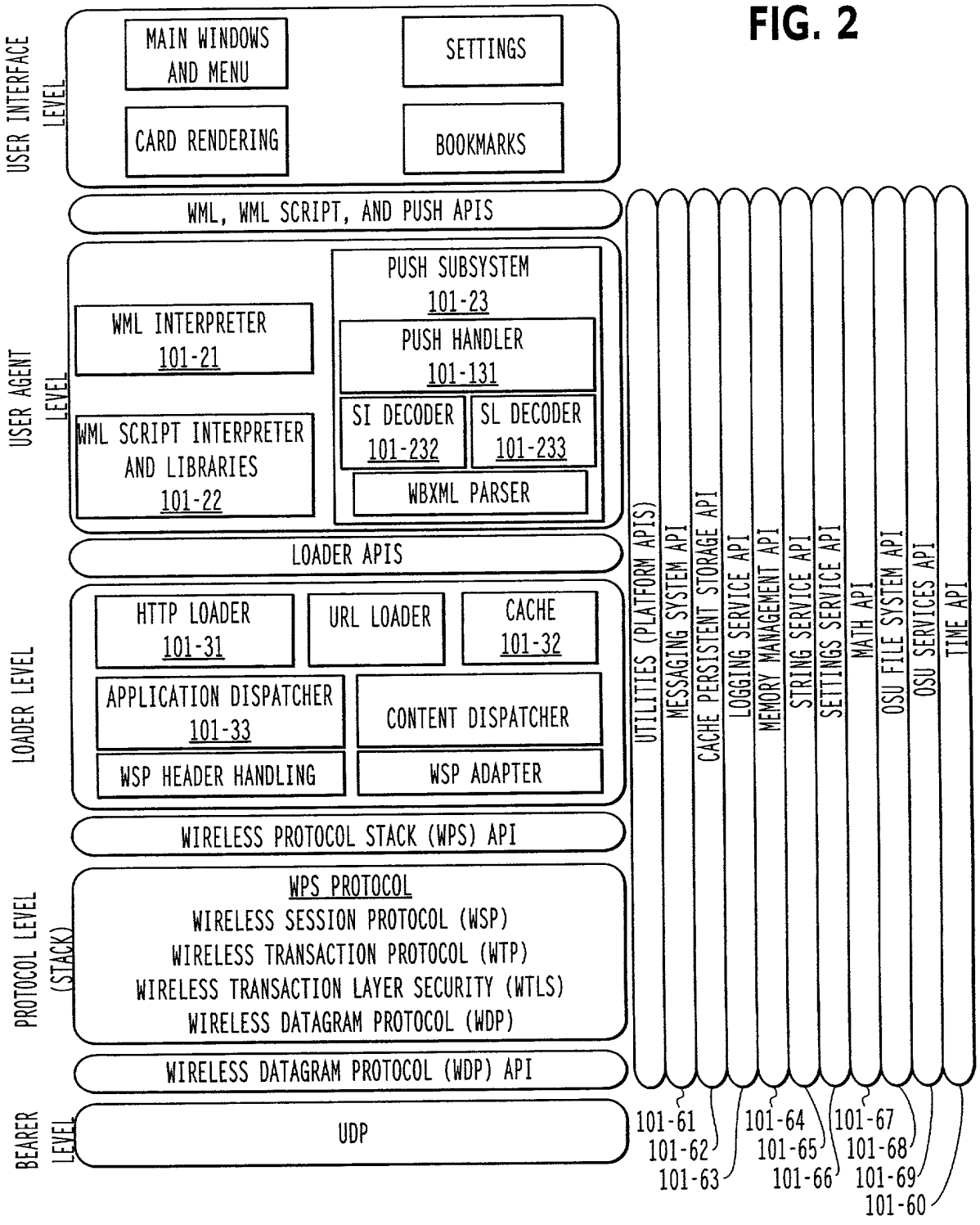
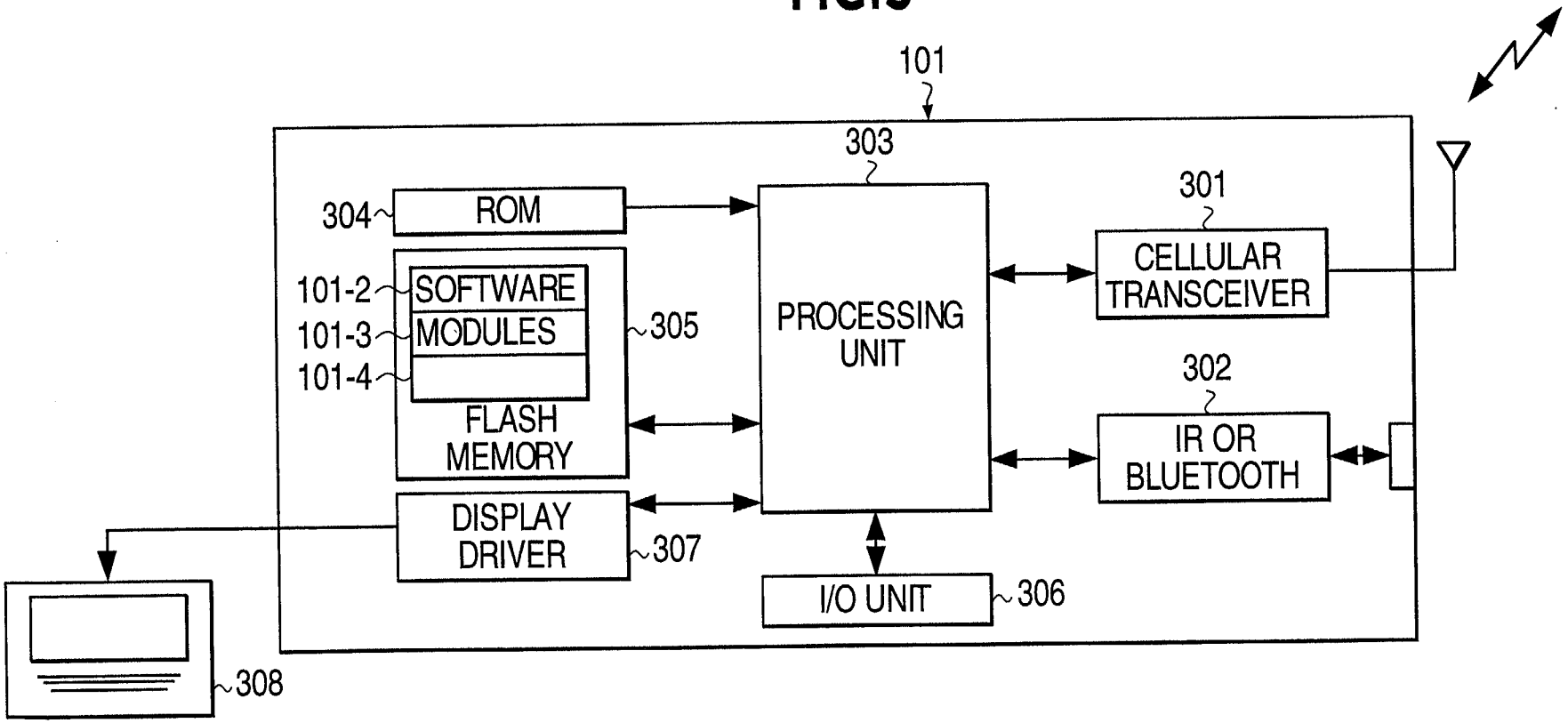

USER INTERFACE LEVEL
MAIN WINDOWS AND MENU
SETTINGS
CARD RENDERING
BOOKMARKS
WML, WML SCRIPT, AND PUSH APIS
USER AGENT LEVEL
WML INTERPRETER 101-21
WML SCRIPT INTERPRETER AND LIBRARIES 101-22
PUSH SUBSYSTEM 101-23
PUSH HANDLER 101-131
SI DECODER 101-232
SL DECODER 101-233
WBXML PARSER
LOADER APIS
LOADER LEVEL
HTTP LOADER 101-31
URL LOADER
CACHE 101-32
APPLICATION DISPATCHER 101-33
CONTENT DISPATCHER
WSP HEADER HANDLING
WSP ADAPTER
WIRELESS PROTOCOL STACK (WPS) API
PROTOCOL LEVEL (STACK)
WPS PROTOCOL
WIRELESS SESSION PROTOCOL (WSP)
WIRELESS TRANSACTION PROTOCOL (WTP)
WIRELESS TRANSACTION LAYER SECURITY (WTLS)
WIRELESS DATAGRAM PROTOCOL (WDP)
WIRELESS DATAGRAM PROTOCOL (WDP) API
BEARER LEVEL
UDP
UTILITIES (PLATFORM APIS)
MESSAGING SYSTEM API
CACHE PERSISTENT STORAGE API
LOGGING SERVICE API
MEMORY MANAGEMENT API
STRING SERVICE API
SETTINGS SERVICE API
MATH API
OSU FILE SYSTEM API
OSU SERVICES API
TIME API
101-61
101-62
101-63
101-64
101-65
101-66
101-67
101-68
101-69
101-60

FIG. 2

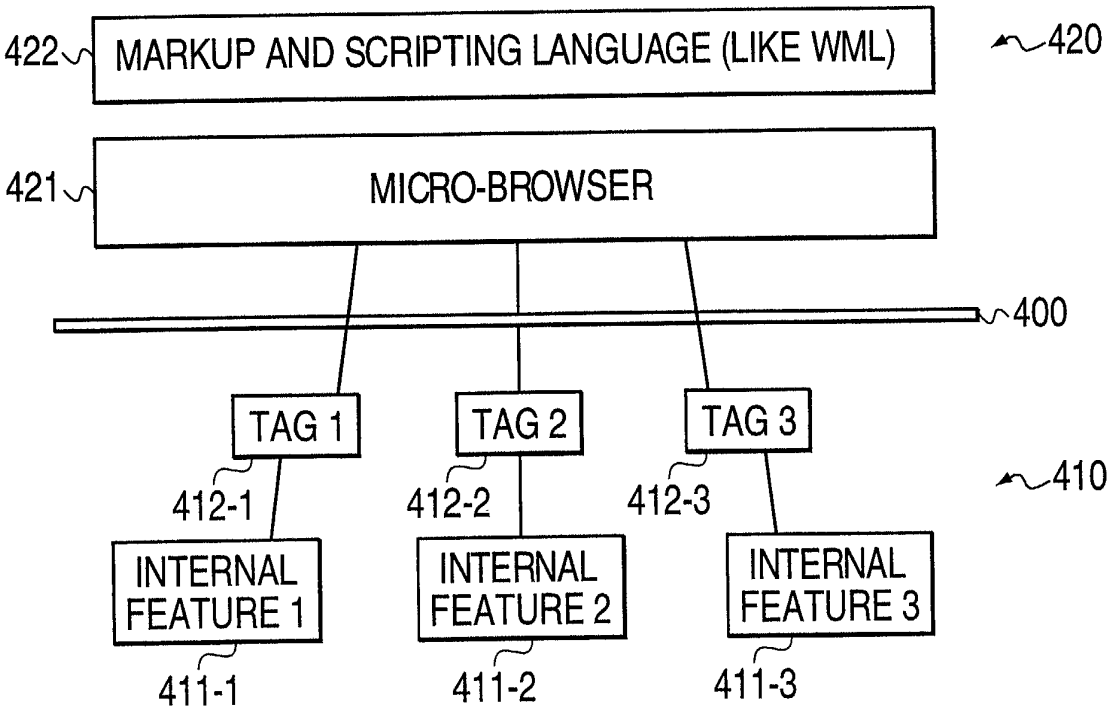
TOSHIBA-MMF052660

FIG.3



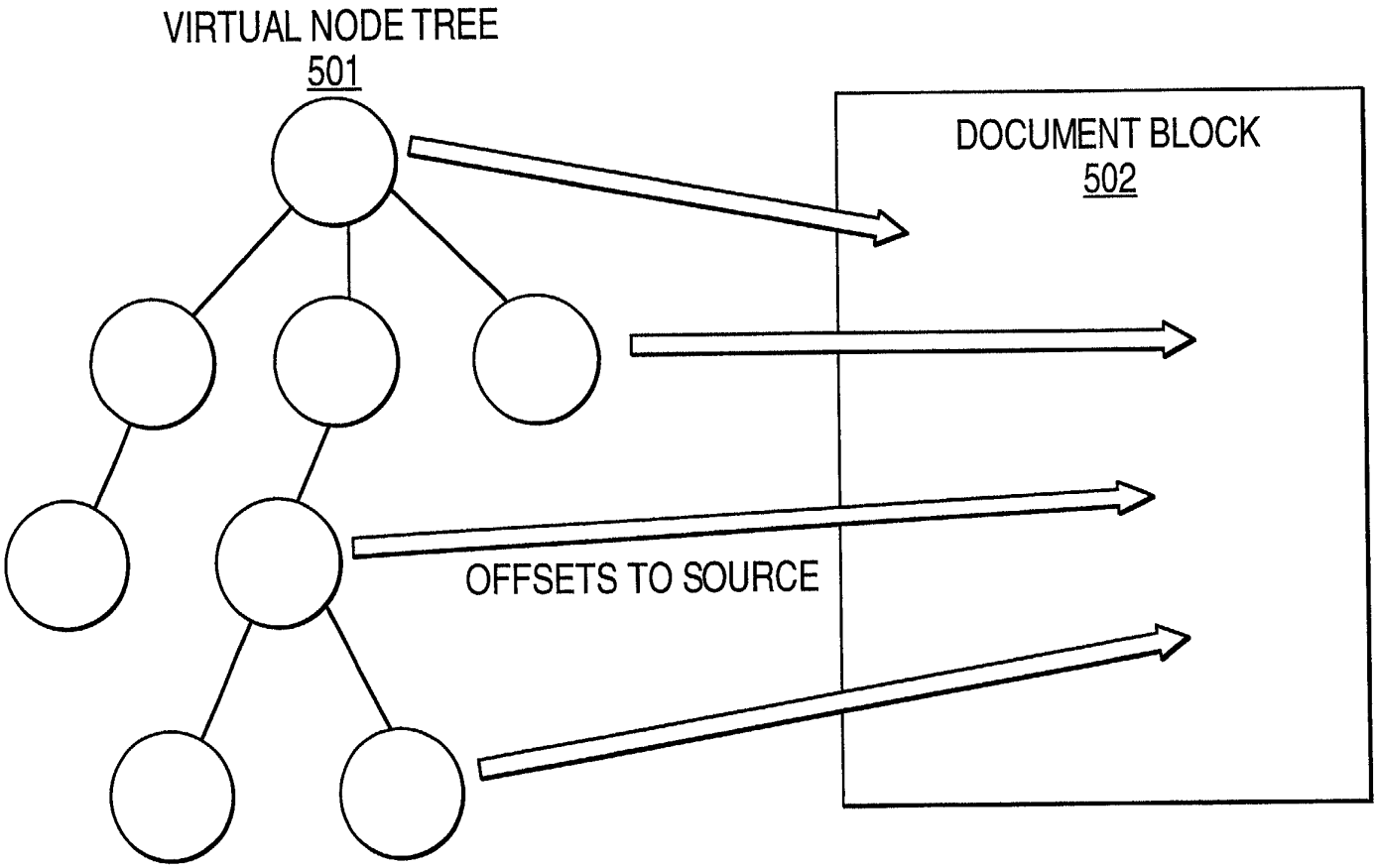
TOEZHO "HTTP://20

FIG. 4



TOE2nD "nnFOSZ60

FIG. 5



FOR 2nd PATENT

FIG. 6

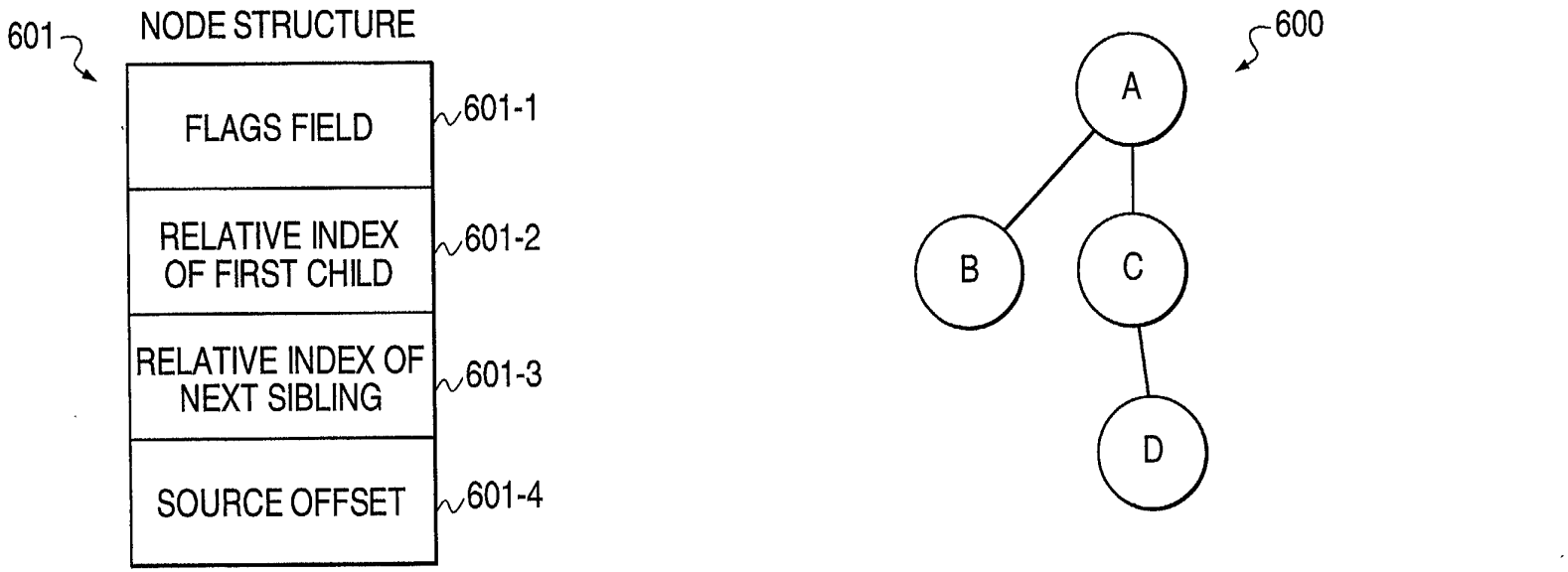


FIG.7

COMPACT TREE DESCRIPTION BLOCK 703

"WML" NODE (ROOT)			
	+1	0	0

"CARD" NODE			
	+1	+2	5

"TEXT" NODE			
LC	0	−1	22

"CARD" NODE			
LC	+1	−3	44

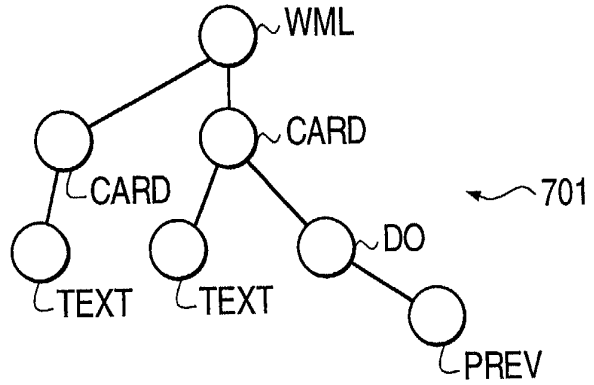
"TEXT" NODE			
	0	+1	61

"DO" NODE			
LC	+1	−2	78

"PREV" NODE			
LC	0	−1	96

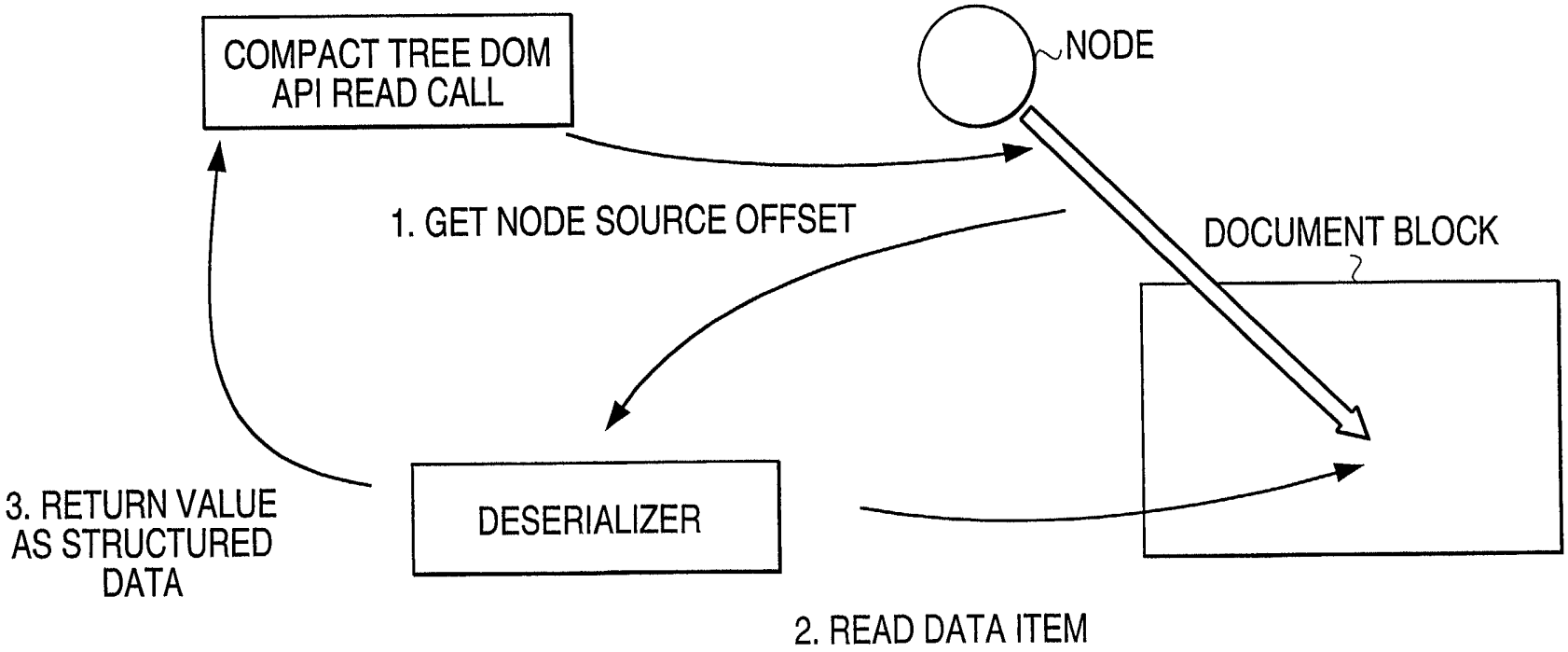
DOCUMENT BLOCK 702

```
<WML> <CARD ID="CARD1">WELCOME TO WML</CARD>
<CARD ID="CARD2">COMPACT TREE DEMO<DO TYPE
="PREV"> <PREV/> </DO> </CARD> </WML>
```



PAGE 10 - 1111 0052260

FIG. 8



TOSZHD "HHFO9260

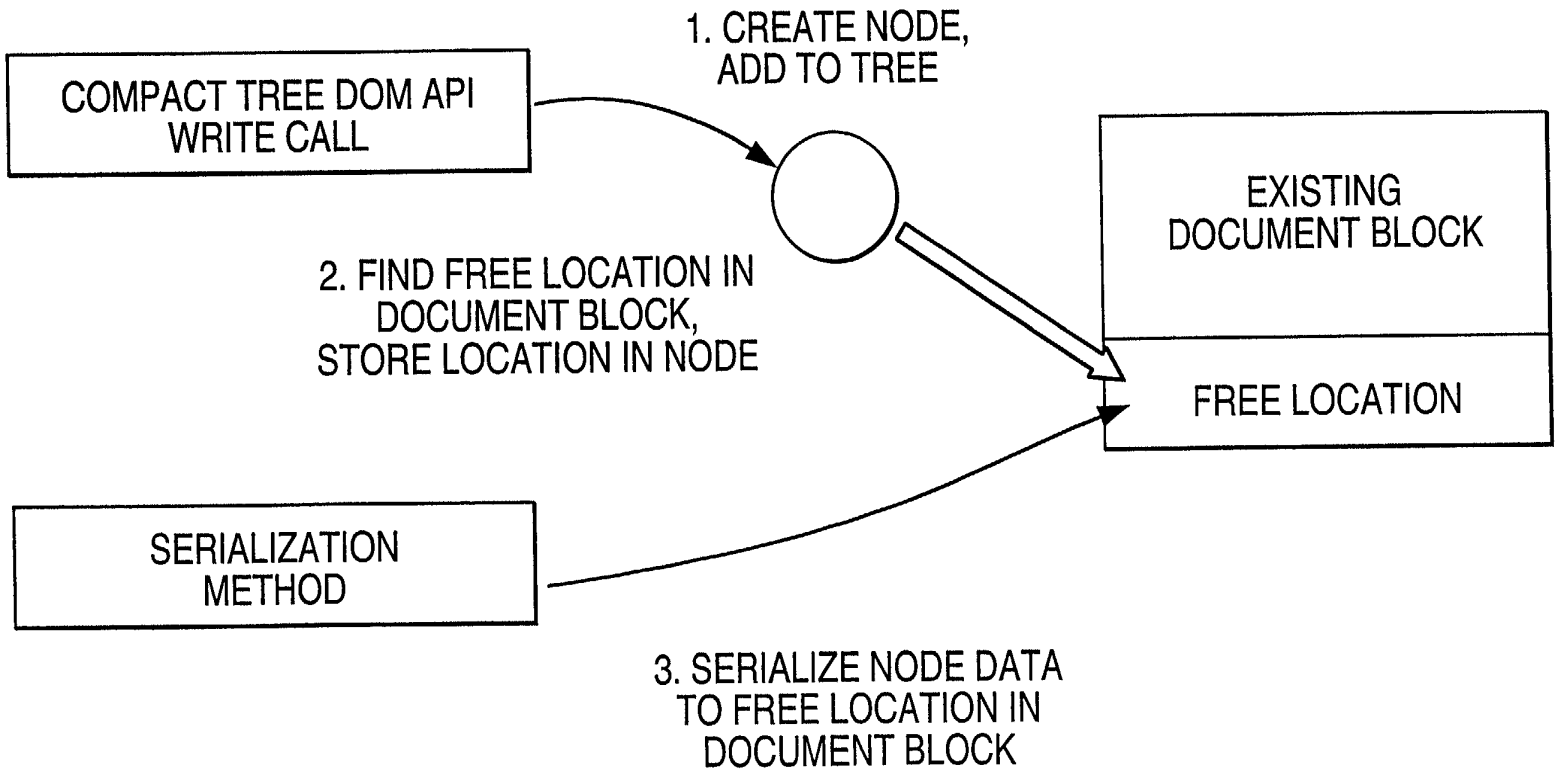



FIG. 9